U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

1. DRAWINGS. 37 CFR 1.84(a): Acceptable	0.155.155.55
categories of drawings: Black ink or	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
Color (3 sets required).	Words do not appear on a horizontal, left-to-right
Color drawings are not acceptable until petition is	fashion when page is either upright or turned so
granted. Fig(s)	that the top becomes the right side, except for
Pencil and non black ink not permitted. Fig(s)	graphs. Fig(s)
2. PHOTOGRAPHS. 37 CPR 1.84(b)	9. SCALE. 37 CFR 1.84(k)
One (1) full-tone set is required. Fig(s)	Scale not large enough to show mechanism
Photographs may not be mounted. 37 CPR 1.84(e)	without crowding when drawing is reduced in
Photographs must meet paper size requirements of	size to two-thirds in reproduction.
37 CFR 1.84(f). Fig(s)	Fig(s)
Poor quality (half-tone). Fig(s)	10. CHARACTER OF LINES, NUMBERS, &
3. TYPE OF PAPER. 37 CFR 1.84(e)	LETTERS. 37 CFR 1.84(I)
Paper not flexible, strong, white, and durable.	Lines, numbers & letters not uniformly thick and
Fig(s)	well defined, clean, durable, and black (poor line
Erasures, alterations, overwritings, interlineations,	quality). Fig(s)
folds, copy machine marks not accepted	11. SHADING. 37 CPR 1.84(m)
Fig(s)	Solid black areas pale. Fig(s)
	Solid black shading not permitted. Fig(s)
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	12. NUMBERS, LETTERS, & REFERENCE
	CHARACTERS, 37 CFR 1.84(p)
21.0 cm by 29.7 cm (DIN size A4) or	Numbers and reference characters not plain and
21.6 cm by 27.9 cm (8 1/2x 11 inches)	legible Flg(s) 7A-51)
All drawing sheets not the same size.	Figure legends are poor. Fig(s)
Sheet(s)	Numbers and reference characters not oriented in
Drawings sheets not an acceptable size. Fig(s)	the same direction as the view. 37 CFR 1.84(p)(
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:	Fig(s)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm	English alphabet not used, 37 CFR 1.84(p)(2)
Margins not acceptable. Fig(s)	Eig(s)
Top (T)Left (L)	Numbers, letters and reference characters must be
Right (R) Bottom (B)	at least 32 cm (1/8 inch) in height, 37 CFR
6. VIEWS. 37 CFR 1.84(h)	1.84(p)(3). Flg(s) 14 -51
REMINDER: Specification may require revision to	13. LEAD LINES, 37 CFR 1.84(q)
correspond to drawing changes, e.g., if Fig. 1 is	Lead Ilnes missing. Fig(s)
changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the	14. NUMBERING OF SHEETS OF DRAWINGS.
specification, at the Brief Description of the Drawings,	37 CFR 1.84(t)
must likewise be changed.	Sheets not numbered consecutively, and in Arabic
Views not labeled separately or properly.	numbers beginning with number 1. Sheet(s)
Fig(s)	15. NUMBERING OF VIEWS, 37 CFR 1.84(u)
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)	Views not numbered consecutively, and in Arabic
Sectional designation should be noted with	numerals, beginning with number 1. Fig(s)
Arable or Roman numbers. Fig(s) 24, 2B, 34, 3B	LI R16. DESIGN DRAWINGS, 37 CFR 1.152
	Surface shading shown not appropriate.
	Fig(s)
	Solid black surface shading is not permitted exce
	when used to represent the color black as well as
	color contrast. Fig(s)
comments: touclos hatching of	(E328, 3C,4C)
viewer	Date 4 10 08
ou have questions, call (703) 305-8404.	Attachment to Paper No. 20080819